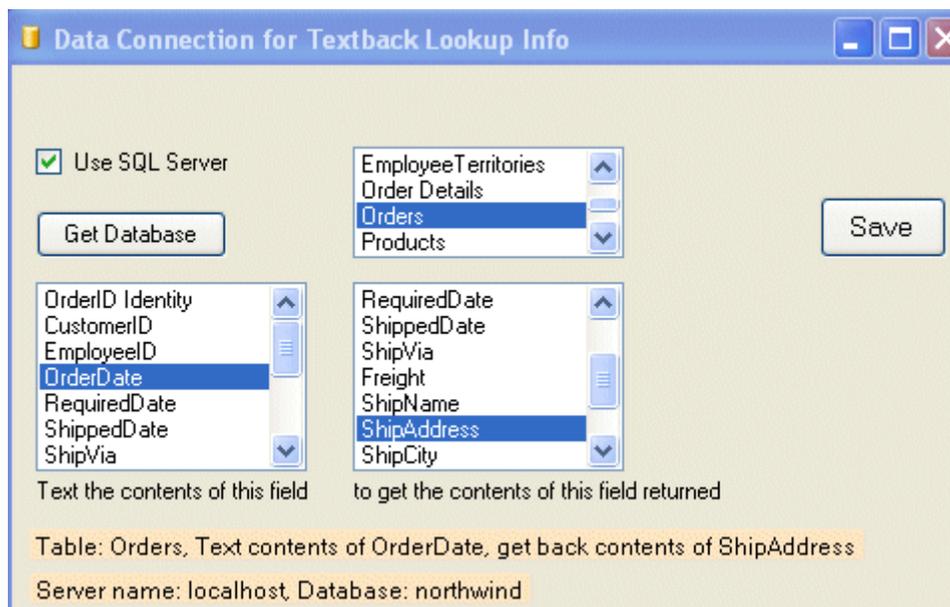


## RAGS SMS – TextQube

**TextQube** is an easily installed SMS text messaging application allowing you to send requested information from your database to a mobile phone. The mobile phone user sends a reference code to you by calling your own Inbound Text number. TextQube is sitting looking on the internet for new messages coming in sent to that number. When it receives them it strips out the reference code and uses it to lookup a data field with that reference code. It then sends the contents of the data field back to the mobile phone that requested it as a text message.

**TextQube** can easily connect to your Access databases or SQL Server databases. First choose your database server and the database:



### The Data Connection

In this example we are using SQL Server name: localhost with database: northwind. Then select the table name from the database and the reference field and lookup field. In this case, the table name is 'Orders', if someone texts the content of the 'OrderDate' field in the 'Orders' table to your Inbound number, they will receive back the looked up contents of the 'ShipAddress' field.

TextQube can be downloaded and installed in minutes giving instant access to your mobile clients. Because TextQube uses one field to lookup another it acts as its own firewall into your database. Only one field is accessible and only if you know what to send to TextQube.

Lookup table		
	Text this	Look up this and textback (160 chars max)
▶	04/07/2008	59 rue de l'Abbaye
	05/07/2008	Luisenstr. 48
	08/07/2008	Rua do Paço, 67
	08/07/2008	2, rue du Commerce
	09/07/2008	Boulevard Tirou, 255
	10/07/2008	Rua do Paço, 67
	11/07/2008	Hauptstr. 31
	12/07/2008	Starenweg 5
	15/07/2008	Rua do Mercado, 12
	16/07/2008	Carrera 22 con Ave. Carlos Soublette #8-35
	17/07/2008	Kirchgasse 6
	18/07/2008	Sierras de Granada 9993
	19/07/2008	Mehrheimerstr. 369
	19/07/2008	Rua da Panificadora, 12
	22/07/2008	2817 Milton Dr.
	23/07/2008	Kirchgasse 6
	24/07/2008	Åkergatan 24
	25/07/2008	24, place Kléber
	26/07/2008	Torikatu 38
	29/07/2008	Berliner Platz 43
	30/07/2008	5ª Ave. Los Palos Grandes
	31/07/2008	1029 - 12th Ave. S.
	01/08/2008	Torikatu 38
	01/08/2008	P.O. Box 555
	02/08/2008	2817 Milton Dr.
	05/08/2008	Toukousstr. 10

All OK

Check Textback Length

Dbase: Sql Server, Lookup table: Orders, ref field: OrderDate, lookup field: ShipAddress

## The Lookup Table

Once you save the choice of fields then you can view your table information in the Lookup Table. The first column marked 'Text this' contains the reference code to text to you ( the OrderDate field in this example), the second column marked 'Look up this and textback' contains the information to text back ( the ShipAddress field). Each row is a record in your current database. You can add and edit rows here with TextQube and the edits will be written back to your database.

**For example, if a mobile user sent '04/07/08' to your inbound number, seconds later they would receive the texted back message '59 rue de l'Abbaye'.** A simple function allows you to check that the message is within the 160 character limit for a single message though you can send longer messages as multiple SMS messages. What would your message be? Availability for a restaurant, show perhaps or maybe current shifts or temp jobs?

The screenshot shows the 'RAGS SMS Service' web interface. At the top, there are tabs for 'Setup' and 'LookUp', with 'Text Requests at Webservice' selected. Below the tabs is a table with the following columns: Select, Mobile, Message recvd, Received at, Doc. sent, Textback sent, Textback message, Email address recvd, and Doc. requested. The table contains three rows of data:

Select	Mobile	Message recvd	Received at	Doc. sent	Textback sent	Textback message	Email address recvd	Doc. requested
<input checked="" type="checkbox"/>	07528211909	04/07/2008	07/03/2008 12:37	<input type="checkbox"/>	<input checked="" type="checkbox"/>	59 rue de l'Abbaye		
<input type="checkbox"/>	07528211909	16/07/2008	07/03/2008 12:39	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Carrera 22 con A...		
<input type="checkbox"/>	07528211909	30/07/2008	07/03/2008 12:41	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5ª Ave. Los Palo...		

Below the table is a 'Manual Send SMS' section with a 'Message' text area, a 'Mobile' input field, and buttons for '<Clear', 'Send Message', and '<Selected Mob'. There are also checkboxes for 'Polling On', 'Send PDF via email', and 'Info back via SMS'. A 'Service Test' button is located on the right. A log window on the right shows a list of messages with timestamps and status, including 'Info back for 30/07/2008, +447528211909'.

## Main Message Received Screen

Here you can see all the new messages coming through into your Inbound number. If 'Polling On' is ticked TextQube automatically polls for messages, looks up the information and sends it back to the mobile. As well as this function, if the mobile user sends an email address, TextQube will separate it out, lookup for a .pdf file related to the reference code, attach it to an email and send it to the email address supplied. This function is especially useful if you are say outside a house for sale/rental premises/tourist information spot etc etc that you want information but you have no access to the property. A very detailed report can be sent to you that will be available when you get back home or to the office. You can also send a manual message to anyone by typing in the Message and the mobile number. They can reply to it and the reply will either be sent to this screen within TextQube or to your email address.

### For more information , contact:

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